REC'D	07	MAR	2005
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WIPO PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicate 4-327			e reference	FOR FURTHER ACT	ION See Notifica Preliminary	tion of Transmittal of International Examination Report (Form PCT/IPEA/416)
International application No. International filing date PCT/EP 03/12851 17.11.2003					ay/month/year)	Priority date (day/month/year) 18.11.2002
Internat C07D			ssification (IPC) or b	ooth national classification and	d IPC	·
Applica NOVA		S AG et	al.			
1.	This in	nternation ority and i	nal preliminary exa s transmitted to th	amination report has been e applicant according to A	prepared by this li rticle 36.	nternational Preliminary Examining
2.	2. This REPORT consists of a total of 5 sheets, including this cover sheet.					
This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of 2 sheets.						
			nteles indications	relating to the following ite	ms:	-
3.		-		relating to the following no		
	13		sis of the opinion			
	II ☐ Priority III ☑ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				ep and industrial applicability	
	 				•	
	 IV					
	VI	□ C	ertain documents	cited		
	VII	□ c	ertain defects in th	e international application		
	VIII Certain observations on the international application				w	
L						
Date of submission of the demand		Date of completion	of this report			
21.05.2004				03.03.2005		
Name	e and	mailing ac	ldress of the Internat g authority:	ional	Authorized Officer	on the state of th
	(III)	Europe	ean Patent Office	OCCES annu d	Schmid, A	
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With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Desc	ription, Pages					
	1-30		as originally filed				
	1a		received on 29.11.2004 with letter of 26.11.2004				
	Clain	ns, Numbers					
	1-12,	13 (part)	as originally filed				
		art), 14-21	received on 29.11.2004 with letter of 26.11.2004				
2.	With langu	regard to the languag	ge, all the elements marked above were available or furnished to this Authority in the mational application was filed, unless otherwise indicated under this item.				
	Thes	These elements were available or furnished to this Authority in the following language: , which is:					
		the language of a tran	slation furnished for the purposes of the international search (under Rule 23.1(b)).				
	п	the language of public	ation of the international application (under Rule 48.3(b)).				
		the language of a tran Rule 55.2 and/or 55.3	slation furnished for the purposes of international preliminary examination (under				
3.	3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:						
		contained in the inter	national application in written form.				
		filed together with the	international application in computer readable form.				
			tly to this Authority in written form.				
		furnished subsequen	tly to this Authority in computer readable form.				
		The statement that the	ne subsequently furnished written sequence listing does not go beyond the disclosure oblication as filed has been furnished.				
		to the written recorded in computer readable form is identical to the written sequence					
4	. The	e amendments have re	esulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				
5	5. 🗆	been considered to	n established as if (some of) the amendments had not been made, since they have go beyond the disclosure as filed (Rule 70.2(c)).				
		(Any replacement si report.)	heet containing such amendments must be referred to under item 1 and annexed to the				

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ъ.	Add	illoriai observations, ii necessa	ıy.				
111.	Nor	n-establishment of opinion wi	th reg	ard to novel	ty, inventive step and industrial applicability		
1.	The obvi	The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non- obvious), or to be industrially applicable have not been examined in respect of:					
		the entire international applicat	tion,				
	×	⊠ claims Nos. 9-13					
	because:						
	×	the said international application, or the said claims Nos. 9-13 relate to the following subject matter which does not require an international preliminary examination (specify):					
	see separate sheet						
		the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):					
		the claims, or said claims Nos. could be formed.	are s	o inadequate	ly supported by the description that no meaningful opinion		
		no international search report	has be	en establishe	ed for the said claims Nos.		
2.	or a	A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative nstructions:					
		☐ the written form has not been furnished or does not comply with the Standard.					
	☐ the computer readable form has not been furnished or does not comply with the Standard.						
V.	. Rea	asoned statement under Artic ations and explanations supp	ele 35(orting	2) with regar such staten	rd to novelty, inventive step or industrial applicability; nent		
1.	Sta	statement					
	No	velty (N)	Yes: No:	Claims Claims	1-21		
	lnv	entive step (IS)	Yes: No:	Claims Claims	1-21		
	Ind	ustrial applicability (IA)	Yes: No:	Claims Claims	1-8,14-21		

2. Citations and explanations

see separate sheet

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1) Claims 9-13 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(i) PCT).

Re Item V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1) US-A-4 588 732 (BROWNE LESLIE J) 13 May 1986 (1986-05-13)[D1], examples 3, 4, 7-10 and US-A-4 617 307 (BROWNE LESLIE J) 14 October 1986 (1986-10-14) [D2], examples 3, 3d-f and 5 disclose compounds and pharmaceutical compositions which differ from the present subject-matter in the the present substituent R₄ which is different from the substituents as mentioned in the relevant examples of D1 and D2.

Accordingly, the present subject-matter is novel with regard to Article 33(2) PCT.

2) Since D1 and D2 concern a problem different from the present one they are not relevant with respect to inventive step.

The closest prior art with respect to the question of inventive step is US-A-6 037 349 (SOMBROEK JOHANNES ET AL) 14 March 2000 (2000-03-14) [D3]. D3 discloses imidazopyridines different in its basic structure from the present compounds which are useful in the treatment of aldosteronism, hypertension and cardiac insufficiency. Since the basic structure compared to the closest prior art is quited different it was not predictable that the present compounds could be usefule in the treatment of diseases related to aldosterone synthase activity what could be proved by the applicant for one compound.

Results have been presented only for compounds with R_1 being an aryl radical. However, in view of the fact that R_1 also encompasses cycloalky or heterocyclyl

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which are considered to be quite different from anylalthough they also cycles, additional test results are required in order to acknowledge an inventive step over the whole scope of R_1 .

Accordingly, for the time being the present subject-matter does not involve an inventive step pursuant to Article 33(3) PCT.

3) For the assessment of the present claims 9-13 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.